EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	150	(84/744).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/24 08:43
S1	6	(("2003209130") or ("4042777") or ("4549279") or ("5557057") or ("4065650") or ("5648630") or ("5565641")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/22 08:41
S2	637	(84/423r).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/22 08:47
S3	1567	((84/423r) or (84/3) or (84/290) or (84/425) or (84/428,429) or (84/433) or (84/423b) or (84/442,443) or (84/174)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/22 08:53
S4	2312	((84/600-602) or (84/622-625) or (84/644,645)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/22 08:55
S5	12	(S3 or S4) and ((key or touchbutton or pushbutton or button or knob) near5 (circle or circular$3 or round$3 or radi$4 or surround$3 or encircl$3 or curv$3 or disk or encompass$4 or curl$3 or bent or bend$4 or arch $3 or bow$3)).ab,ti.	US-PGPUB; USPAT	ADJ	ON	2009/07/22 09:01
S6	15	(allan near stewart).in.	US-PGPUB; USPAT	ADJ	ON	2009/07/22 09:14
S7	3	(("20020005111") or ("5841052") or ("5313010")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/22 09:15
S8	35872	"84".clas.	US-PGPUB; USPAT	ADJ	ON	2009/07/22 09:16

S9	66	S8 and (((key or touchbutton or pushbutton or button or knob) near3 (circle or circular$3 or round$3 or radi$4 or surround$3 or encircl$3 or curv$3 or encompass$4 or curl$3 or bent or bend$4 or arch$3 or bow$3)) with (finger or thumb or hand or falang $3 or phalang$3))	US-PGPUB; USPAT	ADJ	ON	2009/07/22 09:18
S10	20	("1571431" | "2049564" | "2061364" | "2142580" | "3012460" | "3067645" | "3342094" | "3468209" | "3916754" | "3922944" | "4031800" | "4655117"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 09:27
S11	5	("4867028" | "4924741" | "5115706" | "5403972" | "5434350").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 09:28
S12	4	("3938419" | "4203338" | "4919032" | "5668340"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 09:28
S13	14	("2049564" | "3943811" | "4384503" | "4966052" | "4972752" | "5434350" | "5557057" | "5619003" | "5741990" | "5841052" | "5856628" | "5900571" | "6018119").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 09:28
S14	15	(S10 or S11 or S12 or S13) and (radi$4 or diameter or meter or centimeter or cm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 09:29
S15	1	("4891777").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/22 10:06
S19	35882	"84".clas.	US-PGPUB; USPAT	ADJ	ON	2009/07/23 08:52
S20	3765	S19 and ((button or key or input or pushbutton or touch$3 or press$3 or actuat$3) near5 (pitch or note or sound or audio audibl$1 or tone or semi or semiton$4 or half or halfstep or frequenc$3)). ab,clm.	US-PGPUB; USPAT	ADJ	ON	2009/07/23 08:52

S21	699	S20 and (((button or key or input or pushbutton or touch$3 or press$3 or actuat$3) near3 (together or joint$3 or collectiv$4 or once or time or simultaneous$4)) with (chang$4 or alter$4 or modify$3 or modifie$1 or different or another or vary $3 or adjust$4))	US-PGPUB; USPAT	ADJ	ON	2009/07/23 08:52
S22	436	S21 and ((together or joint $3 or collectiv$4 or once or time or simultaneous $4) with ((chang$4 or alter $4 or modify$3 or modifie $1 or different or another or vary$3 or adjust$4) near3 (pitch or note or sound or audio audibl$1 or tone or semi or semiton $4 or half or halfstep or frequenc$3)))	US-PGPUB; USPAT	ADJ	ON	2009/07/23 08:54
S23	2	(("4342244") or ("20030167907")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/23 12:54
S28	35882	"84".clas.	US-PGPUB; USPAT	ADJ	ON	2009/07/24 13:29
S29	231	((button or switch$3 or key or knob or dial or sens $3) near3 (fretboard or neck or fingerboard)).ab, ti.	US-PGPUB; USPAT	ADJ	ON	2009/07/24 13:29
S30	24	S29 and guitar	US-PGPUB; USPAT	ADJ	ON	2009/07/24 13:30
S31	36344	"84".clas.	US-PGPUB; USPAT	ADJ	ON	2010/02/01 08:44
S32	20	S31 and ((central$3 or center$3 or centraliz$4 or middle) near5 ((surround $4 or circumferential$3 or circumfer$4 or around or about or contain$3 or encircl$3 or enclos$3 or cluster$3 or group$3 or collection or set) near3 (key or button or keyboard))).ab,ti,clm.	US-PGPUB; USPAT	ADJ	ON	2010/02/01 08:50

S33	25	S31 and ((central$3 or center$3 or centraliz$4 or middle) near5 ((surround$4 or circumferential$3 or circumfer$4 or around or about or contain$3 or encircl$3 or enclos$3 or cluster$3 or group$3 or collection or set) near3 (note or tone or tonal or pitch or chord or chordal or octave))).ab,ti,clm.	US-PGPUB; USPAT	ADJ	ON	2010/02/01 08:53
S34	6503	((cluster$3 or group$3 or collection or set or array or matrix or arrangement) near3 (key or button or keyboard or keypad)).ab, ti.	US-PGPUB; USPAT	ADJ	ON	2010/02/01 13:34
S35	3941	S34 and ((siz$3 or length or diameter or inch or meter or milimeter or centimeter or cm or mm or in or radi$3 or width or long) near3 (key or button or keyboard or keypad))	US-PGPUB; USPAT	ADJ	ON	2010/02/01 13:36
S36	3453	S35 and ((siz$3 or length or diameter or key or button or keyboard or keypad or radi$3 or width or long) near3 (inch or meter or milimeter or centimeter or cm or mm or in))	US-PGPUB; USPAT	ADJ	ON	2010/02/01 13:37
S37	168	S36 and ((key or button or keyboard or keypad) near3 (inch or meter or milimeter or centimeter or cm or mm))	US-PGPUB; USPAT	ADJ	ON	2010/02/01 13:37
S38	107	S36 and ((key or button or keyboard or keypad) near3 (meter or milimeter or centimeter or cm or mm))	US-PGPUB; USPAT	ADJ	ON	2010/02/01 13:38
S39	8	((("6801190") or ("4400593") or ("5170348") or ("4310753") or ("5088070") or ("4109315") or ("4250571") or ("20020149566")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/02 11:45

| S41 | 4 | S39 and ((music or musical $3 or song or sound or audi$4 or indicat$4) near5 (key or keypad or button or touch$3 or strik$3 or hit $4 or sens$4)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/02/02 11:55 |
| S42 | 1 | S39 and ((music or musical $3 or song or sound or audi$4)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/02/02 11:56 |

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S25	769	(key near3 center).clm.	USPAT; UPAD	ADJ	ON	2009/07/24 08:02
S26	2	S25 and (finger near3 play$3).clm.	USPAT; UPAD	ADJ	ON	2009/07/24 08:03
S27	0	S26 and ((max or maximum) diameter).clm.	USPAT; UPAD	ADJ	ON	2009/07/24 08:04

3/24/2010 8:45:10 AM
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